

STEREO MOC Status Report
Time Period: 2010:025 - 2010:031

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 025, the DSN Central Data Recorder 1 (CDR1) returned to nominal operations from the anomaly that occurred on day 018. The MOC data products processing of the backlog of data was completed on day 027 and is also back to nominal operations. No SSR data was lost from this anomaly. This CDR anomaly resulted in a four day delay of receiving, processing, and distributing SSR data for days 018 through 026 for all instruments. See DR# N105920 for more information.
- On day 029, during the DSS 55 support, telemetry lock was lost at 0823z. This resulted in the loss of three SSR data telemetry frames.

2. The following spacecraft/instrument events occurred during this week:

- On day 027, during the DSS 65 support at 07:56:03z, the star tracker (ST) reset. Fault protection autonomy fired shortly thereafter to promote the ST back to Autonomous Attitude Determination (AAD) mode, however, no solution could be determined and the ST remained in standby mode. At 20:12:11z, the ST was able to determine a solution and it was promoted to AAD mode. The G&C remained in fine pointing throughout and no SSR data was lost. See PFR ST-P-311 for more information.
- As last week's average daily SSR playback volume for Ahead was unavailable due to the DSN CDR anomaly, for days 018 to 024, it was 6.6 Gbits.
- The average daily SSR playback volume for Ahead was 6.5 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 025, the DSN Central Data Recorder 1 (CDR1) returned to nominal operations from the anomaly that occurred on day 018. The MOC data products processing of the backlog of data was completed on day 027 and is also back to nominal operations. No SSR data was lost from this anomaly. This CDR anomaly resulted in a four day delay of receiving, processing, and distributing SSR data for days 018 through 026 for all instruments. See DR# N105920 for more information.

2. The following spacecraft/instrument events occurred during this week:

- On day 026, SECCHI activated FSW IP version 5.15.
- As last week's average daily SSR playback volume for Behind was unavailable due to the DSN CDR anomaly, for days 018 to 024, it was 5.4 Gbits.
- The average daily SSR playback volume for Behind was 5.5 Gbits during this week.